

Abstract

^A
~~The invention relates to a cost-reductive method and device for tuning the wavelength~~
of an optoelectronic component arrangement ^{including} comprising at least two optoelectronic
components. ^{The} ~~According to the invention, the~~ characteristic wavelength for each
optoelectronic component is adjusted ^{using} ~~by means of~~ ^{respective} a resistance device (RM) which is
connected between a common voltage/power source (U₀) and a heating device (H)
^{associated with each optoelectronic component} ~~pertaining to said components~~. Heating capacity is modified by changing the overall
^{respective} resistance of the resistance device (RM) in order to adjust wavelength. ~~The invention~~
^{The} ~~can be used to tune the~~ wavelength of semiconductor lasers, filters, wavelength
multiplexers and waveguides. ^{may be tuned}